

**Amendments to the Claims**

This listing of claims will replace the originally filed claims in the application.

**Listing of Claims:**

Claims 1 – 4 (cancelled).

Claim 5 (new): A system for filling a cryogenic fluid storage tank from a mobile tank comprising a pressurized-fluid supply pump that can be connected via a filling hose to a fluid inlet of the storage tank, wherein the mobile tank comprises a pump control unit including a pressure sensor that can be connected to a pressure tapping of the storage tank, and programmable logic allowing the pump to operate when the pressure measured in the storage tank lies within a predetermined range.

Claim 6 (new): The system of claim 5, wherein the control unit is connected to a secondary hose that can be connected selectively to the pressure tapping of the storage tank.

Claim 7 (new): The system of claim 5, wherein the filling hose comprises a manually-disengageable non-return valve device.

Claim 8 (new): The system of claim 5, wherein the cryogenic fluid is a gas from the air.